

## **FAT successfully accomplished for structural mill drive upgrade at Gerdau Whitby.**

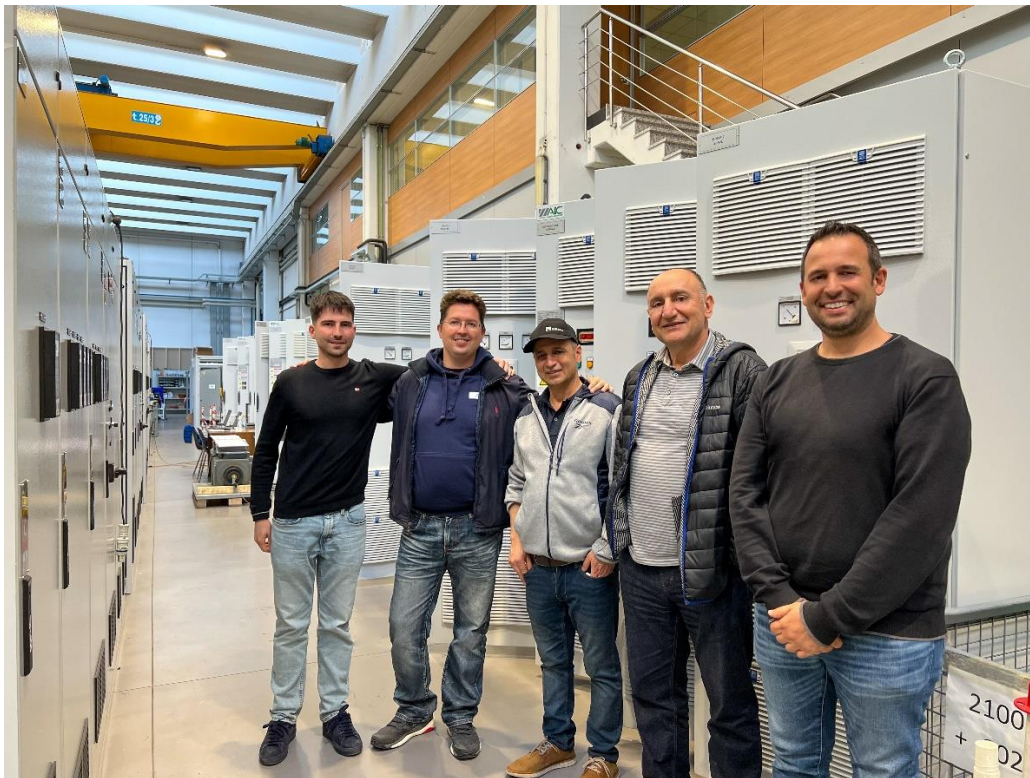
In April end, Gerdau granted AIC the Factory Acceptance Test (**FAT**), after tests were executed in the Italian workshop.

The overall project goal is centered on a new drive cabinet and PLC/HMI modifications for the replacement of the rougher DC drives and AC drive panel on Stands 2-3 Conveyors, to better control the **Whitby** Structural Mill (ON, Canada). All drives will be designed in the same manner as the AIC-supplied Bar Mill from 2018 for the client.

All the possible system integration tests were run, all the drive panels have been inspected, and AIC dedicated all related resources for a full week to complete the tests. Engineers from both sides collaborated as a team to complete the task smoothly and quickly.

As evidence, Gerdau team was fully pleased with AIC's effort and dedication to FAT, and the quality of AIC's design, programming, purchased components, and workmanship in building panels.

The equipment commissioning will be carried out in end-September.



**Figure 1 – AIC and Gerdau teams at the end of tests.**

AIC Capitanio Tailored Automation is a global system integrator that designs, manufactures and commissions turn-key plants worldwide, providing advanced and tailored automation and mechatronics solutions for the steel industry, with the aim to continuously improve both efficiencies, competitiveness and safety of the production processes. With more than 1500 applications worldwide and more than 45 years of history, AIC can boast a unique experience in both greenfield and revamping projects, especially in meltshops and long products rolling mills.

Gerdau's North American business division focus on long steel and special steel products including beams and piling, merchant bar quality, rebar, special bar quality and wire rod products. The Gerdau steel plant in Whitby, ON, produces and markets steel mainly in the form of rebar and merchant bars for the construction industry.

For more information:



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